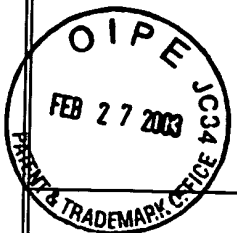


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LIST OF PRIOR ART CITED BY  
APPLICANT

(PTO-1449)



ATTY. DOCKET NO. <b>CI-0015</b>	APPLN. SERIAL NO. <b>09/973,958</b>
APPLICANT(S) <b>Martin J. MACPHEE, Wilson BURGESS, David M. MANN, William N. DROHAN, Shirl y l. MIEKKA, Randall KENT and Edward HORTON</b>	
FILING DATE <b>October 11, 2002</b>	GROUP <b>1744</b>

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89
LM	6,383,732 B1	05/07/02	STONE	435	1.1	06/01/00
LM	4,727,027	02/23/88	WIESEHAHN et al.	435	173	10/07/85

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*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS

U.S. PATENT APPLICATIONS

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						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)


EXAMINER <i>L. Mercane</i>	DATE CONSIDERED <i>9/22/03</i>
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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	
LM	RE. 23,195	02/1950	Arno Brasch	}	}	}
	2,832,689	04/1958	Bernard E. Proctor et al.			
	2,920,969	01/1960	E.S. Stoddard			
	2,962,380	11/1960	J.H. Wertheim			
	3,620,944	11/1971	Keiko Tanito			
	3,743,480	07/1973	John D. Falk			
	3,779,706	12/1973	Nablo			
	4,136,094	01/1979	Condie			
	4,251,437	02/1981	Rasmussen et al.			
	4,282,863	08/1981	Beigler et al.			
LM	4,330,626	05/1982	Blair et al.			

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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
LM	2,056,619	10/1991	Canada	}	}		
	0 310 316	04/1989	Europe				
	0 334 679	09/1989	Europe				
	WO 90/00907	02/1990	PCT Int'l.				
	WO 91/16060	10/1991	PCT Int'l.				
LM	WO 95/03071	02/1995	PCT Int'l.				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
LM	AABB FDA Liaison Meeting, ABC Newsletter, December 12, 1997, pps. 14
LM	Tikvah Alper et al., The Exceptionally Small Size of the Scrapie Agent, 1966, pps. 278-284, Biochemical and Biophysical Research Communications, Vol. 22, No. 3

EXAMINER <i>L. MacCane</i>	DATE CONSIDERED 9/22/03
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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	4,370,264	01/1983	Kotitschke et al.	{	{	{
	4,409,105	10/1983	Hayashi et al.			
	4,472,840	09/1984	Jefferies			
	4,620,908	11/1986	Van Duzer			
	4,933,145	06/1990	Uchida et al.			
	4,946,648	08/1990	Dichtelmüller et al.			
	4,963,356	10/1990	Calenoff et al.			
	5,000,951	03/1991	Bass et al.			
	5,106,619	04/1992	Wiesehahn et al.			
	5,134,295	07/1992	Wälischmiller			
LM	5,185,371	02.1993	Rubinstein			

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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
LM	Tikvah Alper et al., Protection by Anoxia of the Scrapie Agent and Some DNA and RNA Viruses Irradiated as Dry Preparations, 1968, pps. 157-166, J. gen. Virol., Vol. 3
LM	Tikvah Alper et al., Does the Agent of Scrapie Replicate Without Nucleic Acid? May 20, 1967, pps. 764-766, Nature, Vol. 214
LM	Tikvah Alper et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, 1978, pps. 503-516, J. gen. Virol., Vol. 41

EXAMINER <i>L. Miekka</i>	DATE CONSIDERED <i>9/22/03</i>
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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> OTPE JAN 24 2002 PTEMT &amp; TRADEMARK OFFICE </div> </div> (PTO-1449)				ATTY. DOCKET NO. <b>CI-0015</b>		APPLN. SERIAL NO. <b>09/973,958</b>	
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE	
LM	5,226,065	07/1993	Held et al.	}	}	}	
	5,362,442	11/1994	Kent				
	5,418,130	05/1995	Platz et al.				
	5,460,962	10/1995	Kemp				
	5,510,122	04/1996	Sreebny et al.				
	5,603,894	02/1997	Aikus et al.				
	5,609,864	03/1997	Shanbrom				
	5,637,451	06/1997	Ben-Hur et al.				
	5,712,086	01/1998	Horowitz et al.				
	5,730,933	03/1998	Peterson				
LM	5,817,528	10/1998	Böhm et al.				
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
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<b>FOREIGN PATENT DOCUMENTS</b>							
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						Yes	No
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)</b>							
LM	Michael L. Baldwin et al., Irradiation of Blood Components, 1992, pps. 1-78, American Association of Blood Banks						
LM	R.H. Bassin et al., Abrogation of Fv-1 <sup>b</sup> Restriction With Murine Leukemia Viruses Inactivated by heat or by Gamma Irradiation, May 1978, pps. 306-315, Journal of Virology, Vol. 26, No. 2						
LM	Guy Beauregard et al., Temperature Dependence of the Radiation Inactivation of Proteins, 1985, pps. 117-120, Analytical Biochemistry, Vol. 150						
EXAMINER <i>L. McKane</i>				DATE CONSIDERED <i>9/22/03</i>			

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EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
LM	5,837,313	11/1998	Ding et al.	7	1	JAN 28 2002
	5,881,534	03/1999	Ahlqvist et al.			
	5,981,163	11/1999	Horowitz et al.			
	5,986,168	11/1999	Noishiki			
	6,046,024	04/2000	Burton et al.			
	6,049,025	04/2000	Stone et al.			
	6,066,626	05/2000	Yew et al.			
	6,087,141	07/2000	Margolis-Nunno et al.			
	6,120,592	09/2000	Brault et al.			
	6,159,490	12/2000	Deghenghi			
LM	6,171,549	01/2001	Kent			

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						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
LM	David R. Brown et al., Antioxidant Activity Related to Copper Binding of Native Prion Protein, 2001, pps. 69-76, Journal of Neurochemistry, Vol. 76
LM	P. Brown, The Risk of Blood-Borne Creutzfeldt-Jakob Disease, 1999, pps. 53-59, Advances in Transfusion Safety Dev. Biol. Vol. 102
LM	P. Brown et al., Further Studies of Blood Infectivity in an Experimental Model of Transmissible Spongiform Encephalopathy, With an Explanation of Why Blood Components Do Not Transmit Creutzfeldt-Jakob Disease in Humans, November/December 1999, pps. 1169-1178, Transfusion, Vol. 39

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LM	6,187,572	02/2001	Platz et al.	}	}	}
/	6,190,855	02/2001	Herman et al.			
/	6,197,207	03/2001	Chapman et al.			
/	6,214,534	04/2001	Horowitz et al.			
LM	6,235,508	05/2001	Sowemimo-Coker et al.			

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
LM	Paul Brown et al., Effect of Chemicals, Heat, and Histopathologic Processing on High-Infectivity Hamster-Adapted Scrapie Virus, May 1982, pps. 683-687, The Journal of Infectious Diseases, Vol. 145, No. 5
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LM	Derwent Publication AN - 111469, <i>prior art.</i>

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
LM	Derwent Publication - AN 2159557, <i>prior art.</i>
	Derwent Publication - AN 2526936, <i>prior art.</i>
	P. Di Simplicio et al., The Reactivity of the SH Group of Bovine Serum Albumin With Free Radicals, 1991, pps. 253-262, Free Rad. Res. Comms., Vol. 14, No. 4
	Duane C. Eichler et al., Radiation Inactivation Analysis of Enzymes, July 15, 1987, pps. 9433-9436, The Journal of Biological Chemistry, Vol. 262, No. 20
	Luanne H. Elliott et al., Inactivation of Lassa, Marburg, and Ebola Viruses by Gamma Irradiation, Oct. 1982, pps 704-708, Journal of Clinical Microbiology, Vol. 16, No. 4
	Fields et al., Susceptibility of Scrapie Agent to Ionizing Radiation, April 5, 1969, pps. 90-91, Nature, Vol. 222
	D.A. Haig, Further Studies on the Inactivation of the Scrapie Agent by Ultraviolet Light, 1969, pps. 455-457, J. gen. Virol., Vol. 5
LM	H. Hiemstra et al., Inactivation of Human Immunodeficiency Virus by Gamma Radiation and its Effect on Plasma and Coagulation Factors, 1991, pps. 32-39, Transfusion, Vol. 31, No. 1

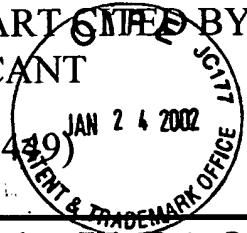
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<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)</b>			
LM	B. Horowitz et al., Inactivation of Viruses in Labile Blood Derivatives, II, Physical Methods, 1985, pps. 523-527, Transfusion, Vol. 25, No. 6		
	Carol House et al., Inactivation of Viral Agents in Bovine Serum by Gamma Irradiation, 1990, pps. 737-740, Can. J. Microbiol., Vol. 36		
	E.S. Kempner et al., Size Determination of Enzymes by Radiation Inactivation, 1979, pps. 2-10, Analytical Biochemistry, Vol. 92		
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	A.D. Kitchen, Effect of Gamma Irradiation on the Human Immunodeficiency Virus and Human Coagulation Proteins, 1989, pps. 223-229, Vox Sang, Vol. 56		
	Raymond Latarjet, Inactivation of the Agents of Scrapie, Creutzfeldt-Jakob Disease, and Kuru by Radiations, 1979, pps. 387-407, Slow Transmissible Diseases of the Nervous System, Vol. 2		
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	Douglas C. Lee et al., A Direct Relationship Between the Partitioning of the Pathogenic Prion Protein and Transmissible Spongiform Encephalopathy Infectivity During the Purification of Plasma Proteins, April 2001, pps. 449-455, Transfusion, Vol. 41		
	Susan F. Leitman, Use of Blood Cell Irradiation in the Prevention of Posttransfusion Graft-vs-Host Disease, 1989, pps. 219-232, Transfus. Sci., Vol. 10		
	Linda Marton et al., Disinfection and Inactivation of the Human T. Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus, August 1985, pps. 400-403, The Journal of Infectious Diseases, Vol. 151, No. 2		
	S.I. Miekka et al., New Methods for Inactivation of Lipid-enveloped and Non-enveloped Viruses, 1998, pps. 402-408, Haemophilia, Vol. 4		
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LM	Pollard, The Effect of Ionizing Radiation on Viruses, pps. 65-71, <i>prior art.</i>		
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<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)</b>			
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	Robert G. Rohwer et al., Scrapie - Virus or Viroid, The Case For A Virus, pps. 333-355, Laboratory of Central Nervous System Studies, National Institutes of Neurological and Communicative Disorders and Stroke, National Institutes of Health, <i>prior art</i> .		
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	Boon-Seng Wong et al., Prion Disease: A Loss of Antioxidant Function? 2000, pps. 249-252, Biochemical and Biophysical Research Communications, Vol. 275		
	D.E. Wyatt et al., Is There Life After Irradiation? Part I: Inactivation of Biological Contaminants, June 1993, pps 34-39, BioPharm		
LM	License Amendment and Procedures for Gamma Irradiation of blood Products, June 22, 1993, pps. 1-18, Dept. of Health & Human Services, Food and Drug Administration		
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)			
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	Ch. Baquety et al., Radiosterilization of Albuminated Polyester Prostheses, May 1987, pps. 165-168, Biomaterials, Vol. 8		
	Edward H. Bedrossian, Jr., HIV and Banked Fascia Lata, 1991, pps. 284-288, Ophthalmic Plastic and Reconstructive Surgery, Vol. 7, No. 4		
	Liu Bingci, Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated human Placenta Collagen, June 1994, pps. 100-103, Chinese Medical Sciences Journal, Vol. 9, No. 2		
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		APPLICANT(S) <b>Martin J. MACPHEE, Wils n BURGESS, David M. MANN, William N. DROHAN, Shirley I MIEKKA, Randall S. KENT and Edward H. HORDON</b>	
		FILING DATE <b>October 11, 2001</b>	GROUP <b>1744 JAN 28 2002</b>
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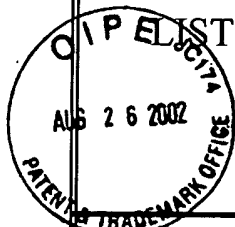
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*L. McKane*

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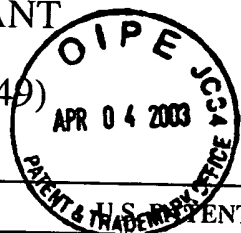
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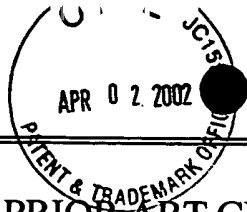
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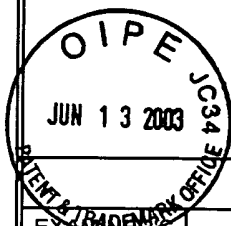
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M. MANN, William N. DROHAN, Shirl y I.  
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